

Responsive Grid System

Play+ provides a powerful, responsive grid system based on Bootstrap's 12-column layout. This system enables you to create flexible, mobile-first layouts that adapt seamlessly across different screen sizes.

Overview

The grid system consists of:

- 12-column layout for maximum flexibility
- 6 responsive breakpoints (xs, sm, md, lg, xl, xxl)
- Container classes for content wrapping
- Column classes for layout control
- Utility classes for advanced positioning

Breakpoints

Breakpoint	Class Prefix	Min Width	Container Max Width
Extra small	None	< 576px	Auto
Small	sm-	≥ 576px	540px
Medium	md-	≥ 768px	720px
Large	lg-	≥ 992px	960px
Extra large	xl-	≥ 1200px	1140px
Extra extra large	xxl-	≥ 1400px	1320px

Containers

Basic Container

Fluid Container

Grid Columns

Basic Column Classes

Responsive Columns

Auto-sizing Columns

Column Widths

Class	Width	Description
.col-1	8.333%	1/12 of container
.col-2	16.667%	2/12 of container
.col-3	25%	3/12 of container
.col-4	33.333%	4/12 of container
.col-5	41.667%	5/12 of container
.col-6	50%	6/12 of container
.col-7	58.333%	7/12 of container
.col-8	66.667%	8/12 of container
.col-9	75%	9/12 of container
.col-10	83.333%	10/12 of container
.col-11	91.667%	11/12 of container
.col-12	100%	Full width
.col-auto	Auto	Content-based width

Row Columns

Control how many columns appear in a row:

Gutters

Default Gutters

No Gutters

Custom Gutter Sizes

Directional Gutters

Offsets

Move columns to the right using offset classes:

Push and Pull

Reposition columns using push and pull classes:

Examples

Card Layout

Sidebar Layout

Form Layout

Best Practices

- Mobile-first approach : Start with mobile layouts and enhance for larger screens
- Use semantic HTML : Combine grid classes with meaningful HTML structure
- Test across breakpoints : Ensure layouts work well at all screen sizes
- Avoid nesting too deeply : Keep grid nesting to a minimum for maintainability
- Use appropriate containers : Choose between .container and .container-fluid based on your design needs

CSS Custom Properties

The grid system uses CSS custom properties for gutters:

You can customize these values in your theme or override them for specific components.